

```

1  const api={
2      key:"f6bf196015464b5fb8273e5522911cfc",
3      base:"https://api.openweathermap.org/data/2.5/",
4      base1: "https://api.openaq.org/v1/measurements"
5
6  }
7
8  let o3V = document.querySelector('.air-parameters .o3')
9  let coV = document.querySelector('.air-parameters .co')
10 let so2V = document.querySelector('.air-parameters .so2')
11 let no2V = document.querySelector('.air-parameters .no2')
12 let pm10V = document.querySelector('.air-parameters .pm10')
13 let pm25V = document.querySelector('.air-parameters .pm25')
14
15 let o3T = document.querySelector('.last-update .o3-time')
16 let coT = document.querySelector('.last-update .co-time')
17 let so2T = document.querySelector('.last-update .so2-time')
18 let no2T = document.querySelector('.last-update .no2-time')
19 let pm10T = document.querySelector('.last-update .pm10-time')
20 let pm25T = document.querySelector('.last-update .pm25-time')
21
22
23 const searchbox=document.querySelector('.search-box');
24 searchbox.addEventListener('keypress',setQuery);
25
26 function setQuery(evt)
27 {
28     if(evt.keyCode==13)
29     {
30         getResults(searchbox.value);
31
32         //console.log(searchbox.value);
33     }
34 }
35 function getResults(query)
36 {
37     try{
38         fetch(`${api.base}weather?q=${query}&units=metric&APPID=${api.key}`)
39             .then(weather=>{
40                 return weather.json();
41             }).then(displayResults);
42     } catch{
43         alert('City Not Found')
44     }
45
46 }
47
48 function displayResults_aq(ap)
49 {
50     console.log(ap)
51
52     let o3 = document.querySelector('.parameters-options .o3-value');
53     o3.innerText = `${ap.results[0].value} µg/m³`;
54     let co = document.querySelector('.parameters-options .co-value')
55     co.innerText = `${ap.results[1].value} µg/m³`;
56     let so2 = document.querySelector('.parameters-options .so2-value')
57     so2.innerText = `${ap.results[2].value} µg/m³`;
58     let no2 = document.querySelector('.parameters-options .no2-value')
59     no2.innerText = `${ap.results[3].value} µg/m³`
60     let pm10 = document.querySelector('.parameters-options .pm10-value')
61     pm10.innerText = `${ap.results[4].value} µg/m³`;
62     let pm25 = document.querySelector('.parameters-options .pm25-value')
63     pm25.innerText = `${ap.results[5].value} µg/m³`;
64
65     o3V.innerText = `${ap.results[0].parameter}`;
66     coV.innerText = `${ap.results[1].parameter}`;
67     so2V.innerText = `${ap.results[2].parameter}`;
68     no2V.innerText = `${ap.results[3].parameter}`;
69     pm10V.innerText = `${ap.results[4].parameter}`;
70     pm25V.innerText = `${ap.results[5].parameter}`;
71
72     o3T.innerText = `${ap.results[0].date.local}`;
73     coT.innerText = `${ap.results[1].date.local}`;

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74     so2T.innerText = `${ap.results[2].date.local}`;
75     no2T.innerText = `${ap.results[3].date.local}`;
76     pm10T.innerText = `${ap.results[4].date.local}`;
77     pm25T.innerText = `${ap.results[5].date.local}`;
78
79 }
80
81
82
83
84
85
86
87 function displayResults(weather)
88 {
89     try{
90         fetch(`${api.base1}?coordinates=${weather.coord.lat},${weather.coord.lon}`)
91             .then(ap =>{
92                 return ap.json();
93             }).then(displayResults_aq)
94     } catch{
95         alert('Enter More Precise Location');
96     }
97
98     console.log(weather);
99     let lat = document.getElementById('lat-value');
100    lat.innerText = `${weather.coord.lat}`;
101    let lon = document.getElementById('lon-value');
102    lon.innerText = `${weather.coord.lon}`;
103    let temp = document.getElementById('temp');
104    temp.innerText = `${weather.main.temp}°C`;
105    let location = document.querySelector('.location .city');
106    location.innerText = `${weather.name},${weather.sys.country}`;
107    let date = new Date();
108    let datenow = document.querySelector('.location .date');
109    datenow.innerText = dateBuilder(date);
110
111
112
113
114 function dateBuilder(d)
115 {
116     let months=[
117         "January","February","March","April","May","June","July","August","September",
118         "October","November","December",
119     ];
120     let days=[
121         "Sunday","Monday","Tuesday","Wednesday","Thursday","Friday","Saturday"
122     ];
123
124     let day=days[d.getDay()];
125     let date=d.getDate();
126     let month=months[d.getMonth()];
127     let year=d.getFullYear();
128
129     return `${day} ${date} ${month} ${year}`;
130 }
131 }
132

```